Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Peachtree City, GA 30269

Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P1501158

Luminaire Tested: GSS-SB1B-835-U-T3LG

Issue Date: 07/20/2026

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1501158
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1B-835-U-T3LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 40W 80CRI 3500K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(26) 3500K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4862.1 lumens
Efficiency:	N/A
Efficacy:	121.6 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G1

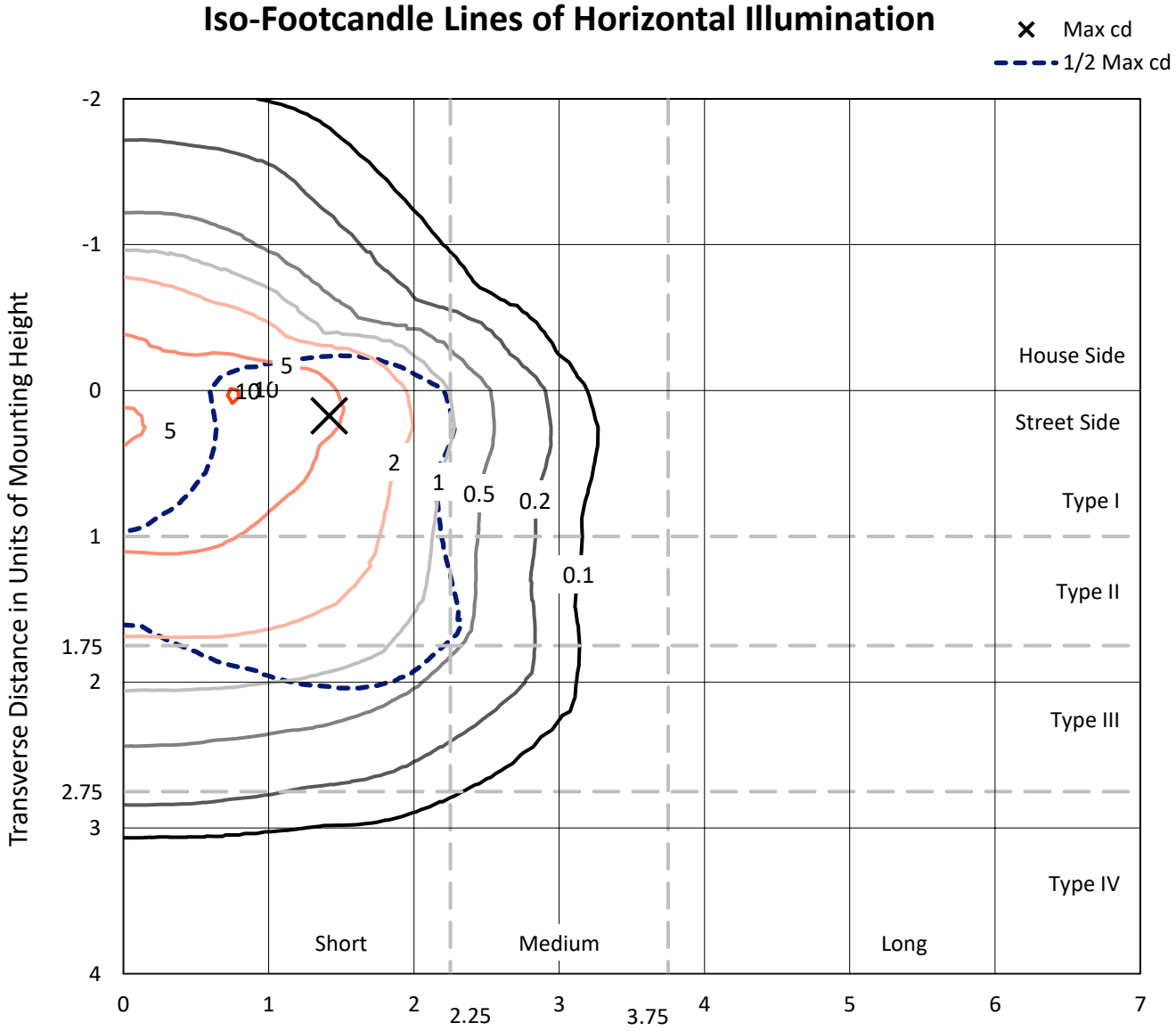
Input Watts (W):	40
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	5.3%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1501158
CATALOG NUMBER: GSS-SB1B-835-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



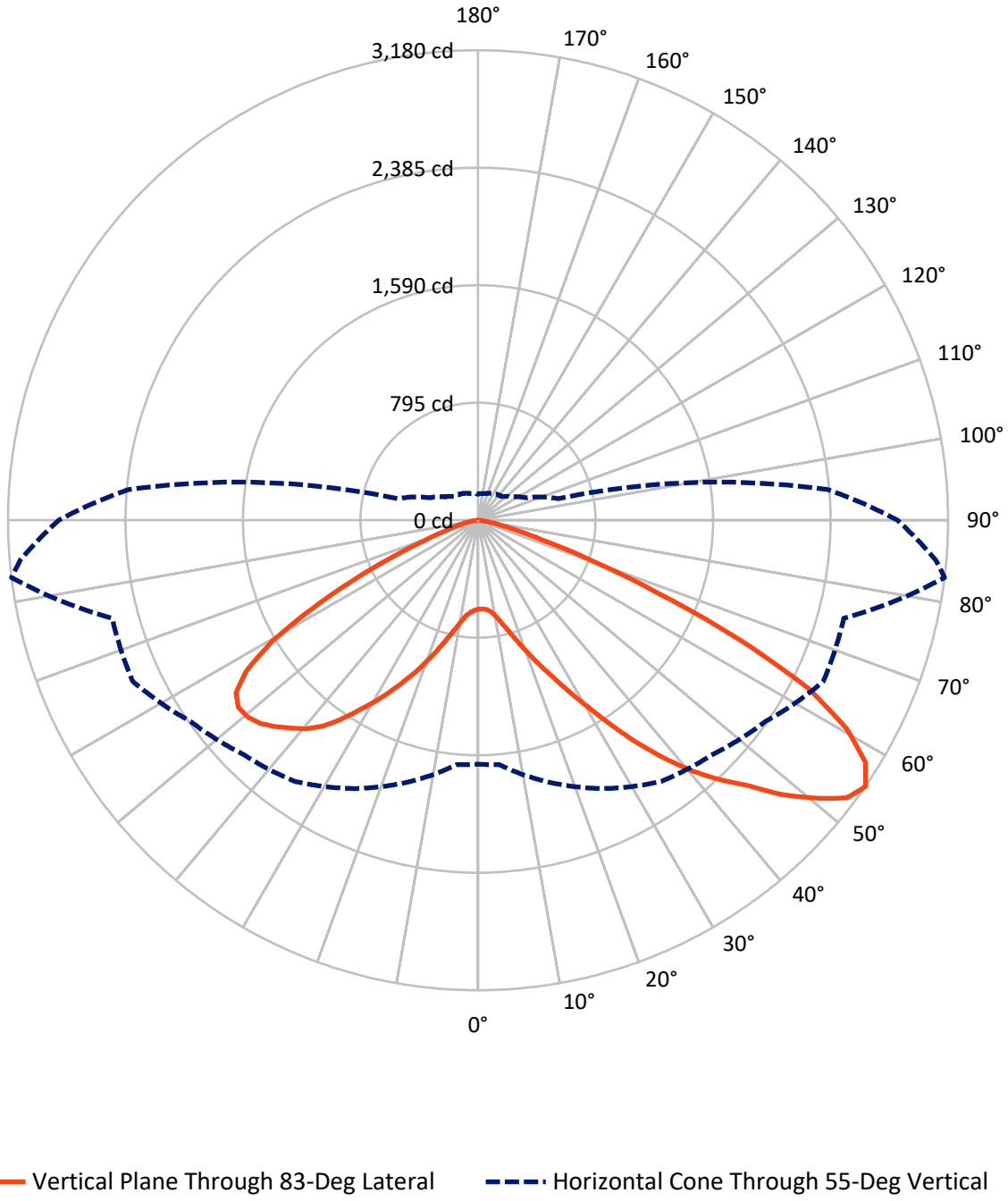
Based on 10 foot mounting height. Maximum calculated value = 10.2 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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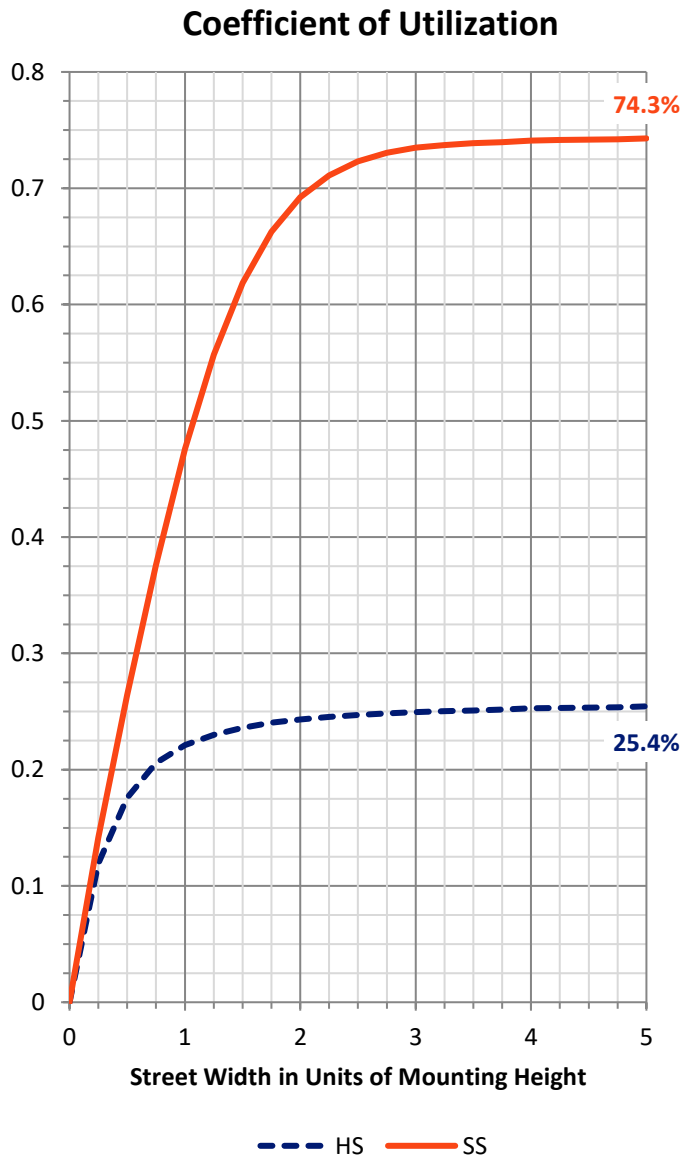
REPORT NUMBER: P1501158
CATALOG NUMBER: GSS-SB1B-835-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1247.7	0.0	1247.7
	% Fixture	25.7	0.0	25.7
Street Side	Lumens	3614.4	0.0	3614.4
	% Fixture	74.3	0.0	74.3
Total	Lumens	4862.1	0.0	4862.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.2	1.2
10°-20°	189.4	3.9
20°-30°	379.3	7.8
30°-40°	674.8	13.9
40°-50°	1016.9	20.9
50°-60°	1239.1	25.5
60°-70°	1002.0	20.6
70°-80°	274.4	5.6
80°-90°	28.0	0.6
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	4862.1	100.0
0°-180°	4862.1	100.0



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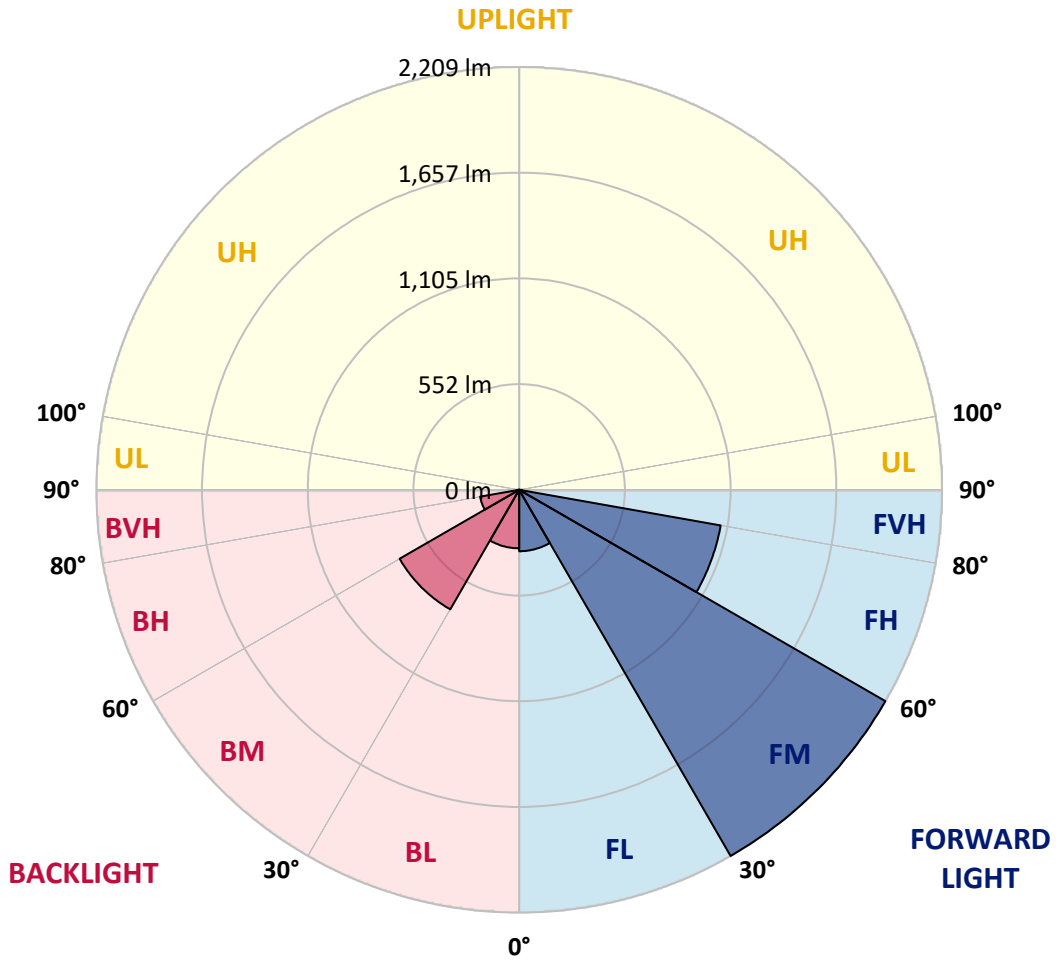
Scaled Data Report

REPORT NUMBER: P1501158
CATALOG NUMBER: GSS-SB1B-835-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	321.0	6.6			
FM	(30°-60°)	2209.5	45.4			
FH	(60°-80°)	1069.3	22.0			G1/1800
FVH	(80°-90°)	14.6	0.3			G1/100
BL	(0°-30°)	305.8	6.3	B1/500		
BM	(30°-60°)	721.3	14.8	B1/1000		
BH	(60°-80°)	207.2	4.3	B1/500		G1/500
BVH	(80°-90°)	13.4	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type III Short



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REPORT NUMBER: P1501158
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	83°	85°
0°	601.9	601.9	601.9	601.9	601.9	601.9	601.9	601.9	601.9	*601.9*	601.9
2.5°	584.6	583.5	582.4	581.3	583.5	586.7	590.0	592.1	597.5	*601.9*	599.7
5°	538.1	536.0	538.1	546.8	554.3	567.3	580.3	588.9	600.8	*606.2*	608.4
7.5°	497.1	494.9	497.1	507.9	520.8	541.4	568.4	590.0	611.6	*624.6*	626.7
10°	497.1	498.1	498.1	502.5	508.9	529.5	561.9	603.0	640.8	*659.1*	663.5
12.5°	513.3	513.3	513.3	518.7	523.0	539.2	575.9	626.7	687.2	*714.2*	717.5
15°	534.9	533.8	537.0	540.3	547.8	564.1	600.8	661.3	738.0	*779.1*	783.4
17.5°	565.1	563.0	566.2	573.8	584.6	603.0	639.7	708.8	808.3	*860.1*	866.6
20°	598.6	597.5	604.0	615.9	631.0	653.7	695.9	766.1	888.2	*954.1*	966.0
22.5°	638.6	636.4	648.3	669.9	690.5	716.4	767.2	840.7	980.1	*1058.9*	1070.8
25°	684.0	684.0	700.2	726.1	757.5	803.9	854.7	935.8	1088.1	*1172.4*	1190.8
27.5°	758.6	764.0	770.4	797.5	841.8	904.4	958.5	1050.3	1205.9	*1311.8*	1318.3
30°	879.6	877.4	888.2	906.6	943.3	1009.2	1090.3	1188.6	1355.0	*1466.3*	1482.5
32.5°	988.7	992.0	1007.1	1041.7	1086.0	1142.2	1239.4	1360.4	1517.1	*1645.7*	1653.3
35°	1098.9	1101.1	1130.3	1182.1	1248.0	1310.7	1416.6	1535.5	1693.2	*1845.6*	1866.1
37.5°	1253.4	1251.3	1280.5	1324.8	1413.4	1510.6	1596.0	1709.4	1861.8	*2040.1*	2063.9
40°	1369.1	1381.0	1436.1	1492.3	1575.5	1675.9	1748.3	1855.3	2000.1	*2230.3*	2251.9
42.5°	1487.9	1497.7	1571.1	1655.4	1742.9	1811.0	1867.2	1966.6	2110.3	*2398.8*	2410.7
45°	1586.3	1599.2	1683.5	1790.5	1881.3	1950.4	1969.9	2062.8	2222.7	*2560.9*	2579.3
47.5°	1648.9	1663.0	1762.4	1887.7	1980.7	2054.1	2047.7	2178.4	2342.7	*2776.0*	2769.5
50°	1692.2	1700.8	1808.9	1942.8	2063.9	2112.5	2140.6	2309.2	2465.8	*2956.4*	2932.6
52.5°	1723.5	1737.5	1835.9	1982.8	2110.3	2174.1	2249.7	2460.4	2551.2	*3121.7*	3068.8
55°	*1650.0*	*1660.8*	*1833.7*	*2003.4*	*2157.9*	*2242.2*	*2374.0*	*2578.2*	*2562.0*	*3180.1*	*3108.8*
57.5°	1574.4	1583.0	1742.9	1998.0	2209.7	2326.4	2515.5	2593.3	2465.8	*3090.4*	3000.7
60°	1479.3	1485.8	1645.7	1940.7	2210.8	2392.4	2587.9	2483.1	2287.5	*2864.6*	2779.2
62.5°	1304.2	1304.2	1480.4	1786.2	2156.8	2425.9	2568.5	2274.6	2048.7	*2509.1*	2391.3
65°	1131.3	1123.8	1242.6	1510.6	2013.1	2417.2	2422.6	2010.9	1678.1	*1935.3*	1843.4
67.5°	943.3	944.4	1014.6	1226.4	1630.6	2236.8	2114.7	1553.8	1169.2	*1303.2*	1255.6
70°	638.6	654.8	726.1	890.4	1229.7	1585.2	1683.5	1052.5	729.4	*809.3*	770.4
72.5°	243.1	246.4	329.6	466.8	776.9	953.1	1174.6	588.9	426.8	*446.3*	448.4
75°	102.7	107.0	140.5	196.7	344.7	519.7	618.1	298.2	259.3	*266.9*	264.7
77.5°	69.2	71.3	85.4	105.9	155.6	208.5	258.3	168.6	158.8	*149.1*	144.8
80°	51.9	51.9	61.6	71.3	87.5	107.0	112.4	85.4	95.1	*78.9*	76.7
82.5°	33.5	35.7	38.9	42.1	49.7	52.9	45.4	46.5	55.1	*41.1*	38.9
85°	16.2	17.3	18.4	19.5	19.5	18.4	16.2	20.5	28.1	*17.3*	16.2
87.5°	2.2	2.2	2.2	2.2	2.2	2.2	1.1	1.1	1.1	*1.1*	1.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0

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Scaled Data Report

REPORT NUMBER: P1501158
CATALOG NUMBER: GSS-SB1B-835-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	601.9	601.9	601.9	601.9	601.9	601.9	601.9	601.9	601.9	601.9	601.9
2.5°	603.0	607.3	610.5	612.7	618.1	617.0	620.2	622.4	624.6	627.8	623.5
5°	613.8	621.3	630.0	636.4	642.9	646.2	647.3	649.4	650.5	652.7	651.6
7.5°	637.5	646.2	659.1	665.6	671.0	671.0	667.8	666.7	663.5	665.6	665.6
10°	677.5	690.5	704.5	705.6	699.1	691.6	679.7	673.2	664.5	662.4	660.2
12.5°	735.9	753.1	764.0	756.4	733.7	705.6	674.3	645.1	622.4	612.7	610.5
15°	801.8	823.4	825.5	803.9	762.9	694.8	628.9	596.5	584.6	584.6	583.5
17.5°	892.5	907.7	899.0	847.2	755.3	644.0	596.5	591.1	594.3	598.6	598.6
20°	987.6	1004.9	969.3	877.4	708.8	613.8	599.7	604.0	611.6	615.9	614.8
22.5°	1101.1	1109.7	1040.6	878.5	659.1	606.2	606.2	611.6	617.0	623.5	623.5
25°	1217.8	1214.5	1106.5	838.5	631.0	604.0	601.9	606.2	608.4	611.6	610.5
27.5°	1348.5	1331.2	1157.3	774.8	622.4	597.5	586.7	582.4	584.6	587.8	588.9
30°	1498.7	1457.7	1198.3	734.8	619.2	582.4	556.5	544.6	542.4	546.8	546.8
32.5°	1672.7	1584.1	1223.2	729.4	615.9	555.4	520.8	498.1	493.8	496.0	501.4
35°	1851.0	1736.5	1216.7	743.4	617.0	533.8	483.0	452.8	448.4	450.6	456.0
37.5°	2037.9	1881.3	1191.9	765.0	608.4	504.6	448.4	411.7	405.2	409.5	411.7
40°	2182.7	2003.4	1130.3	773.7	593.2	467.9	408.5	377.1	359.8	358.7	364.1
42.5°	2316.7	2099.5	1063.3	759.6	561.9	429.0	367.4	336.1	309.0	288.5	288.5
45°	2450.7	2196.8	995.2	719.7	510.0	387.9	324.2	282.0	250.7	235.6	236.6
47.5°	2584.7	2290.8	914.2	659.1	458.2	344.7	277.7	244.2	222.6	210.7	210.7
50°	2709.0	2358.9	810.4	563.0	398.7	301.5	245.3	225.8	209.6	198.8	196.7
52.5°	2818.1	2404.2	669.9	446.3	333.9	252.9	228.0	212.9	201.0	189.1	185.9
55°	*2837.5*	*2374.0*	*560.8*	*358.7*	*275.5*	*226.9*	*215.0*	*202.1*	*185.9*	*180.5*	*177.2*
57.5°	2717.6	2214.1	473.3	302.6	235.6	208.5	204.2	189.1	176.1	170.7	167.5
60°	2513.4	1923.4	391.2	259.3	209.6	191.3	196.7	181.5	161.0	157.8	154.5
62.5°	2146.0	1500.9	312.3	218.3	190.2	178.3	183.7	162.1	144.8	140.5	139.4
65°	1668.4	1074.1	262.6	192.3	175.1	165.3	163.2	143.7	130.7	127.5	127.5
67.5°	1164.8	682.9	219.4	176.1	155.6	149.1	148.0	135.1	126.4	123.2	123.2
70°	713.2	413.9	184.8	161.0	137.2	125.3	132.9	130.7	117.8	114.5	113.5
72.5°	370.6	247.4	162.1	148.0	115.6	107.0	118.9	119.9	109.1	113.5	112.4
75°	215.0	171.8	141.6	130.7	91.8	89.7	103.7	114.5	105.9	109.1	107.0
77.5°	123.2	110.2	109.1	107.0	72.4	73.5	92.9	102.7	90.8	94.0	86.4
80°	68.1	71.3	75.6	67.0	50.8	57.3	74.6	82.1	69.2	68.1	62.7
82.5°	35.7	44.3	50.8	43.2	29.2	34.6	50.8	50.8	44.3	42.1	41.1
85°	16.2	18.4	23.8	21.6	10.8	13.0	23.8	25.9	22.7	20.5	19.5
87.5°	1.1	1.1	1.1	1.1	1.1	1.1	2.2	3.2	1.1	1.1	1.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Peachtree City, GA 30269

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-10

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-835-U-5WQ

Data in this report applies to families of products including GSS-SB1A-835-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

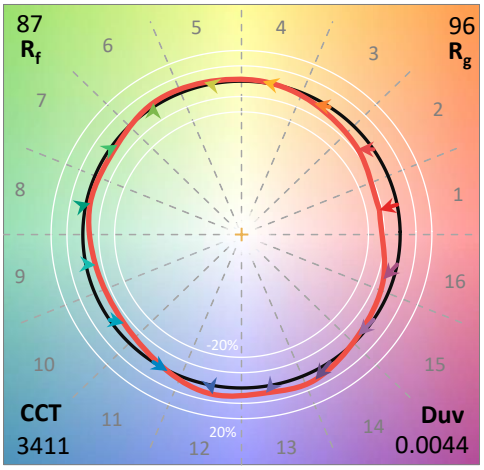
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-10
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	10/15/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGraw-Edison
Catalog Number:	**GSS-SB1A-835-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3411
CIE u':	0.2360
CIE v':	0.5189
Duv:	0.0044
CIE x:	0.4154
CIE y:	0.4059
CIE z:	0.1787
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	579
Purity:	46.51914
Rf:	86.6
Rg:	95.9

CRI (Ra):	83.5
R1:	81.1
R2:	88.9
R3:	97.2
R4:	83.8
R5:	81.7
R6:	86.9
R7:	86.1
R8:	62.2
R9:	6.3
R10:	75.4
R11:	84.1
R12:	69.7
R13:	82.8
R14:	98.5
R15:	72.6



Test Conditions

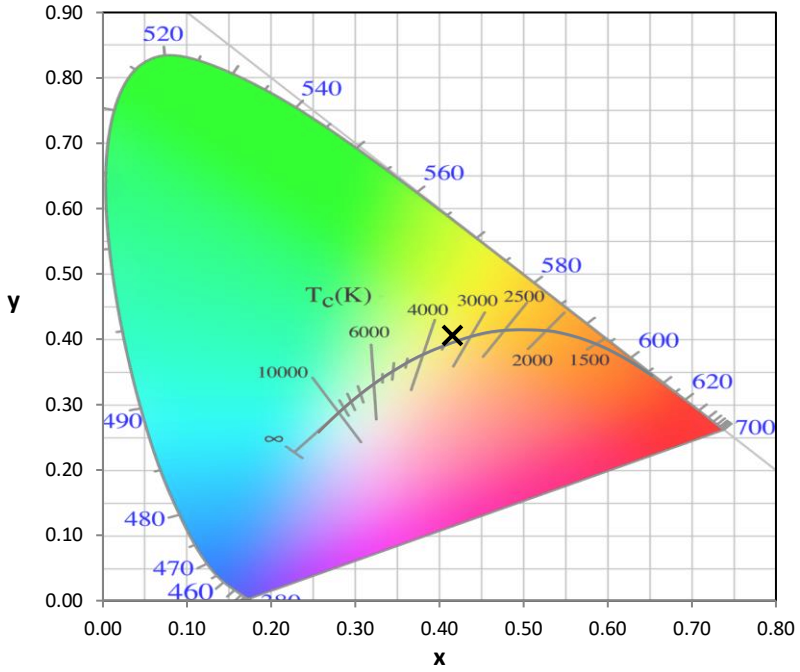
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-10

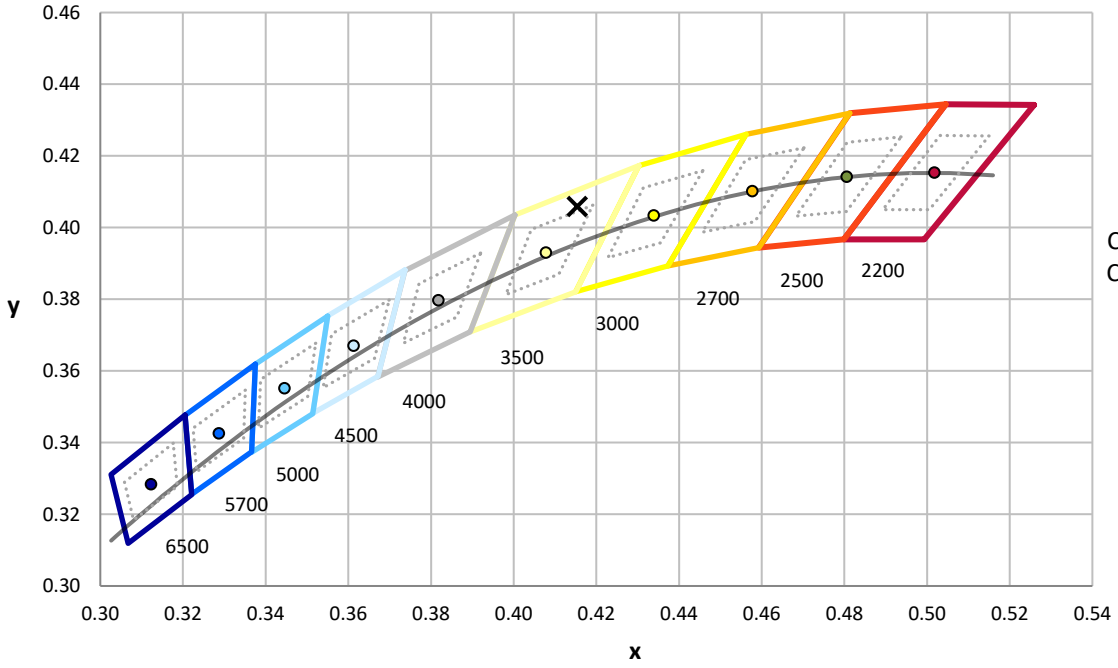
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

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CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

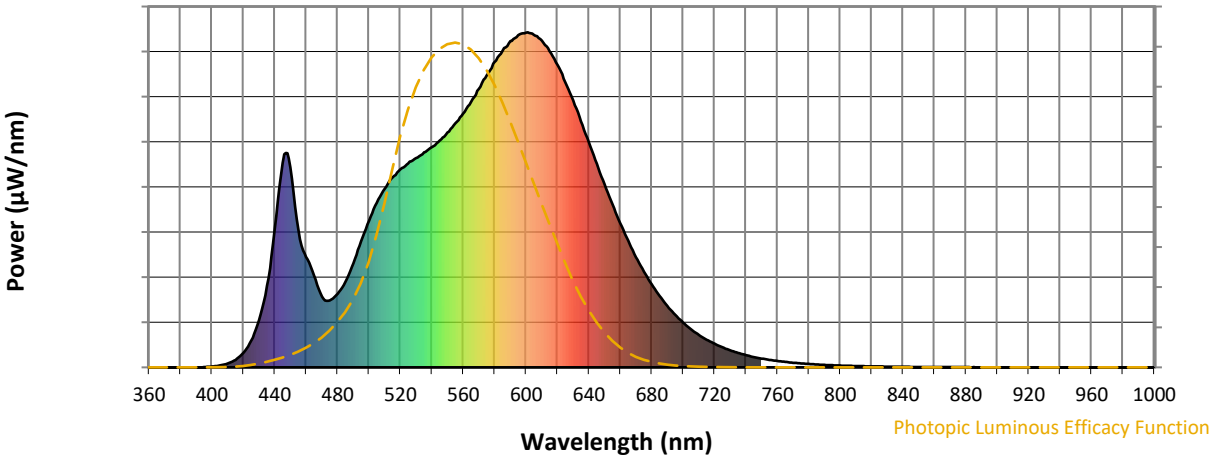


CCT = 3411K
CIE x = 0.4154
CIE y = 0.4059
Duv = 0.0044

Point lies inside the ANSI 3500K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-10

Photopic Flux vs. Wavelength

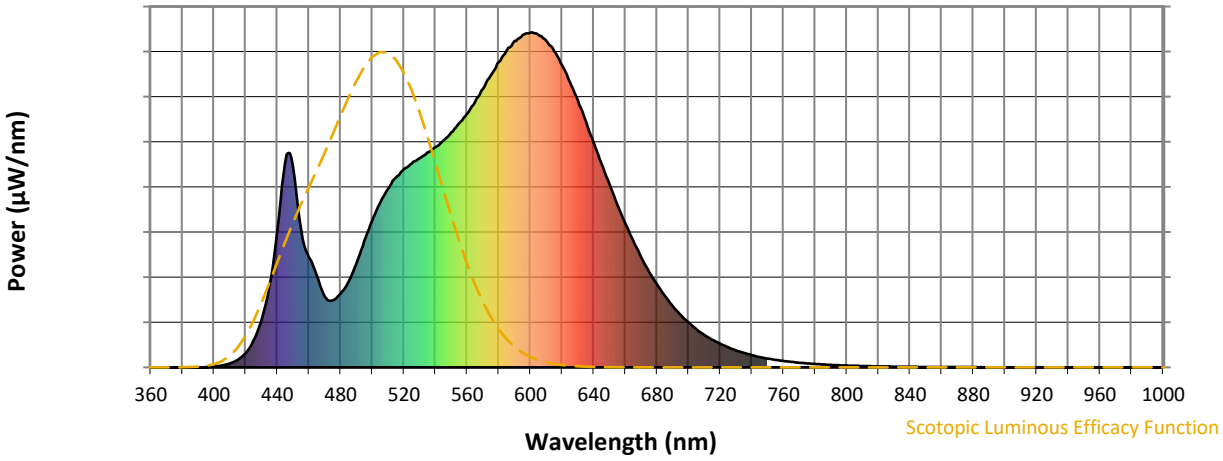


Photopic Lumens: NR

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

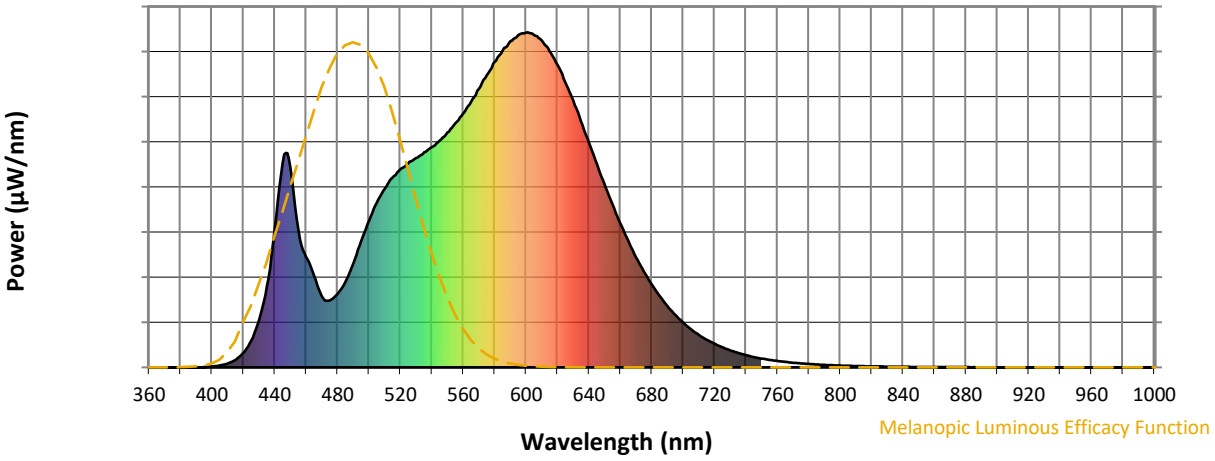


Scotopic Lumens: NR **S/P: 1.48**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.88**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

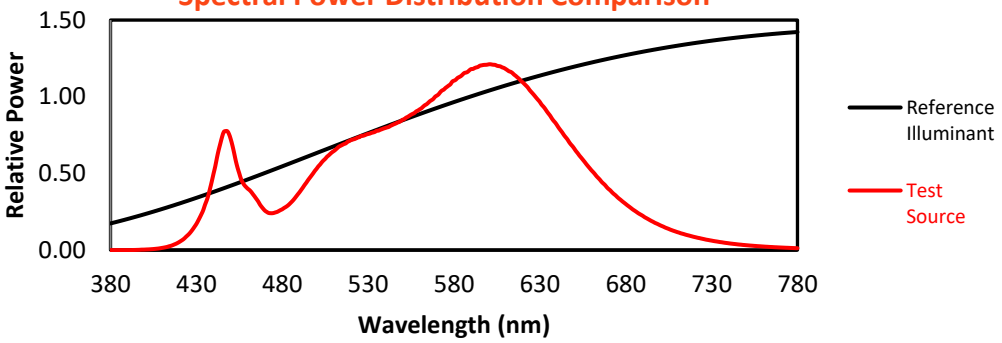
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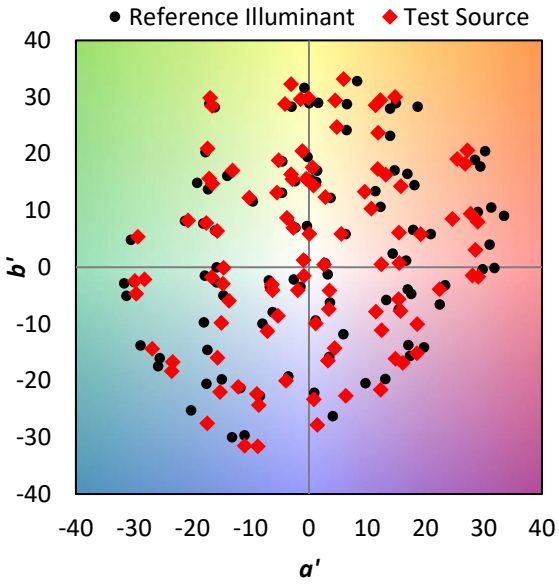
Summary

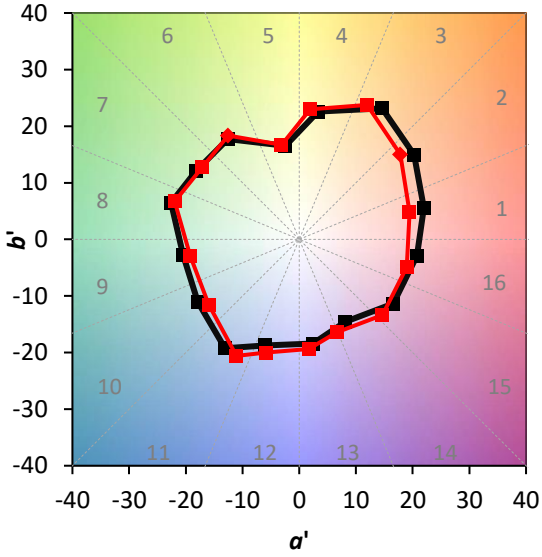
R_f = 86.6
R_g = 95.9
CIE R_a = 83.5
R_9 = 6.3

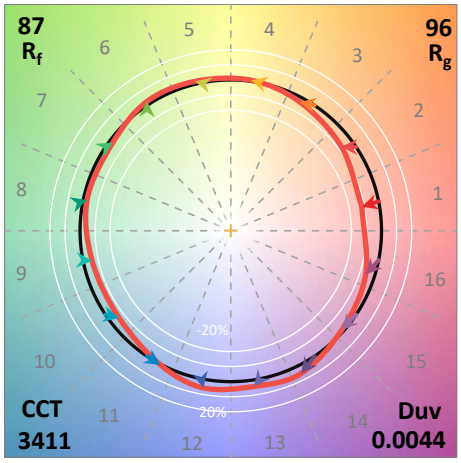
Spectral Power Distribution Comparison

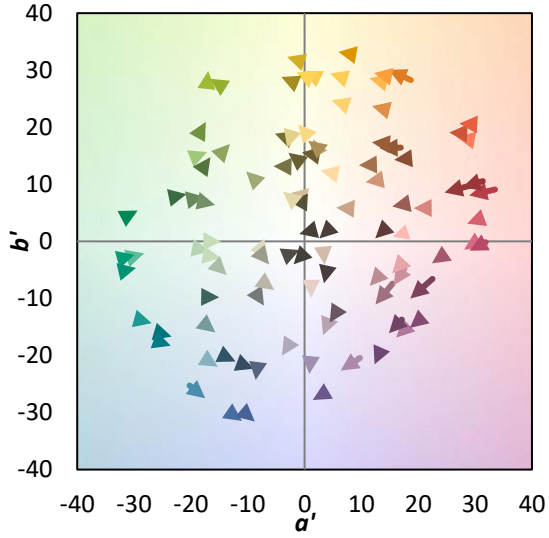


Color Vector Graphics







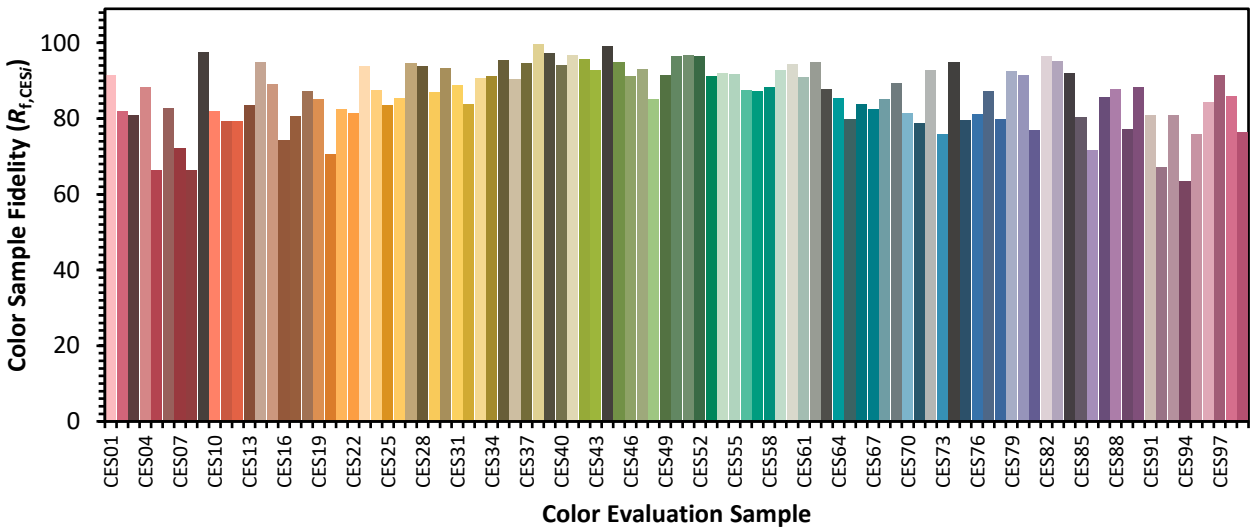


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Individual Sample Fidelity Index ($R_{f,i}$)

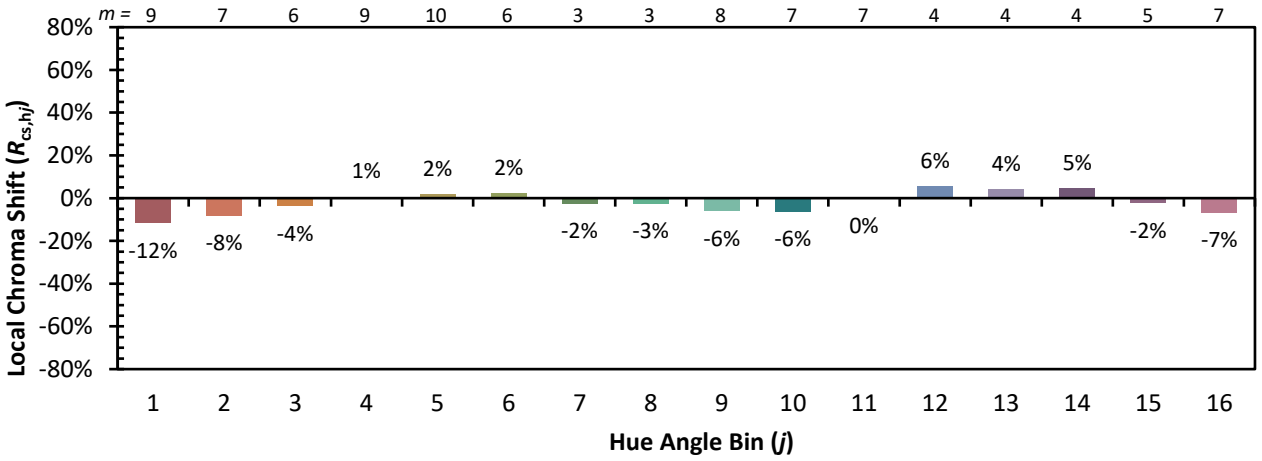
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 96
CES08 = 40	CES33 = 91	CES58 = 88	CES83 = 95
CES09 = 29	CES34 = 91	CES59 = 93	CES84 = 92
CES10 = 75	CES35 = 95	CES60 = 94	CES85 = 80
CES11 = 58	CES36 = 90	CES61 = 91	CES86 = 72
CES12 = 64	CES37 = 95	CES62 = 95	CES87 = 86
CES13 = 43	CES38 = 100	CES63 = 88	CES88 = 88
CES14 = 74	CES39 = 97	CES64 = 85	CES89 = 77
CES15 = 71	CES40 = 94	CES65 = 80	CES90 = 88
CES16 = 47	CES41 = 97	CES66 = 84	CES91 = 81
CES17 = 49	CES42 = 96	CES67 = 82	CES92 = 67
CES18 = 56	CES43 = 93	CES68 = 85	CES93 = 81
CES19 = 72	CES44 = 99	CES69 = 89	CES94 = 63
CES20 = 66	CES45 = 95	CES70 = 81	CES95 = 76
CES21 = 86	CES46 = 91	CES71 = 79	CES96 = 84
CES22 = 78	CES47 = 93	CES72 = 93	CES97 = 92
CES23 = 91	CES48 = 85	CES73 = 76	CES98 = 86
CES24 = 90	CES49 = 92	CES74 = 95	CES99 = 77
CES25 = 72	CES50 = 96	CES75 = 80	

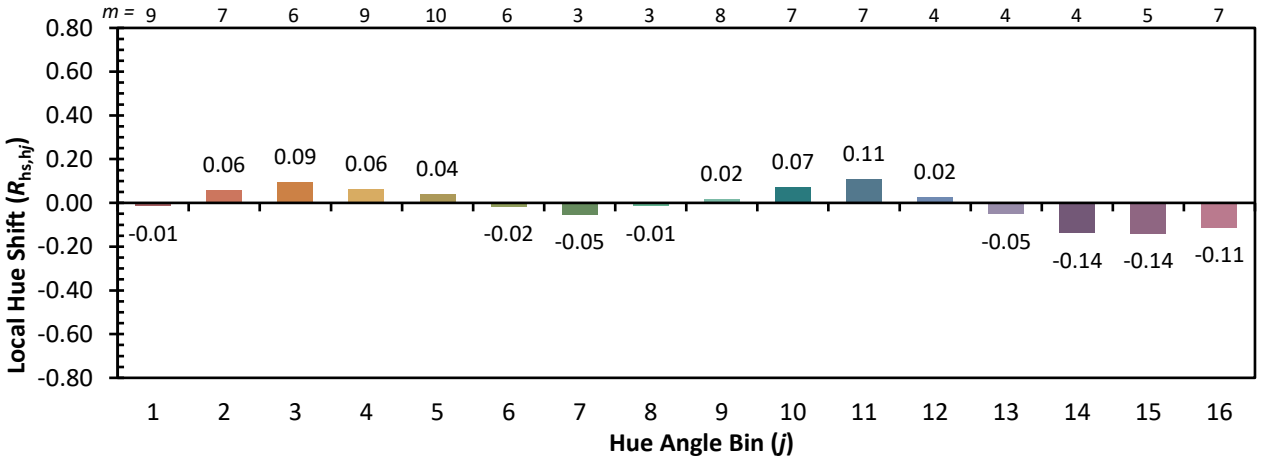


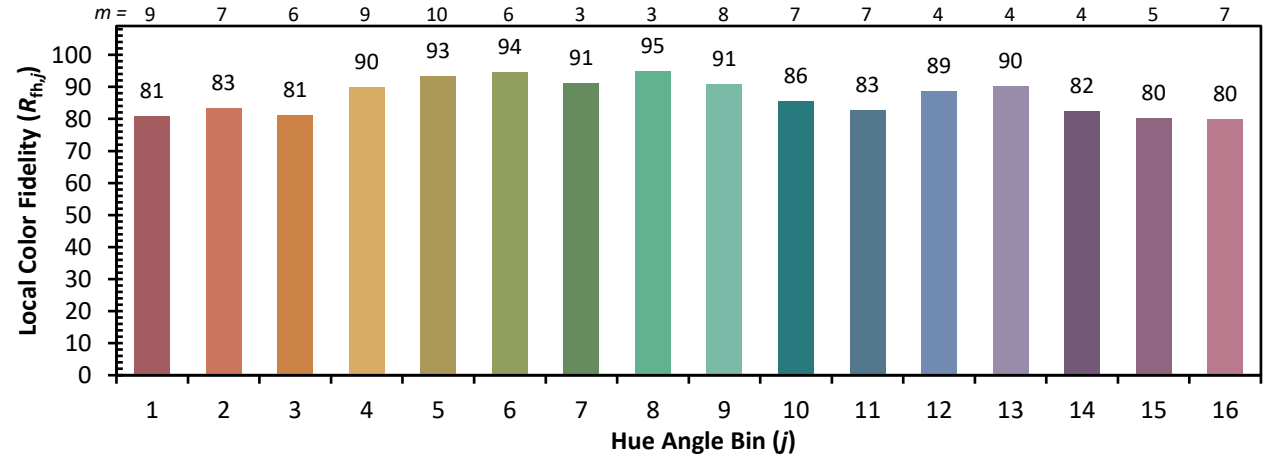
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Color Rendition by Hue-Angle Bin



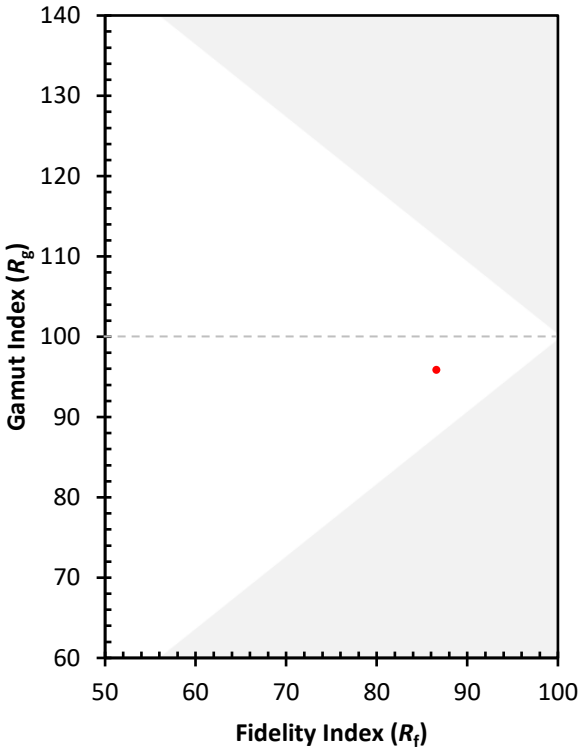


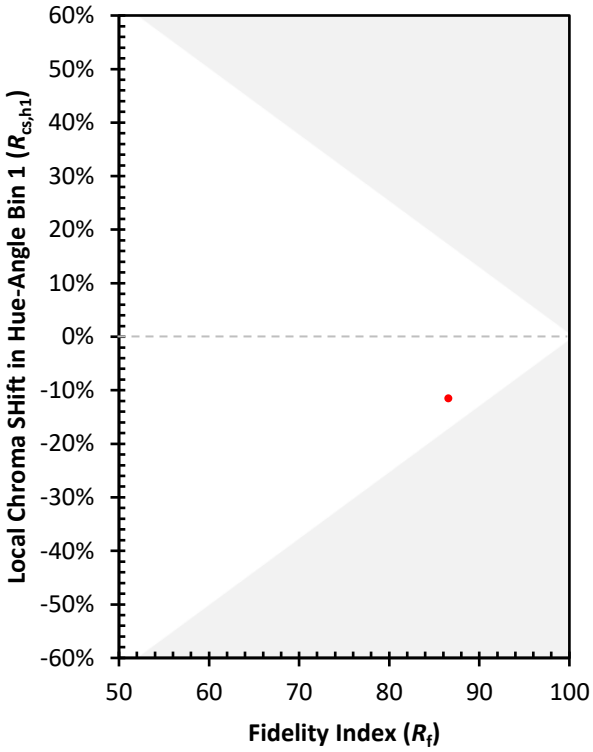


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Measure Comparisons





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